

# Converting Colors

Hex(CD984C)

Have a look what the booklet for  
Hex(CD984C) contains.

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**Color**

**Hex(CD984C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD984C
RGB	205, 152, 76
RGB Percent	80%, 60%, 30%
CMY	0.1961, 0.4039, 0.7020
CMYK	0.00, 0.26, 0.63, 0.20
HSL	35°, 56%, 55%
HSV	35°, 63%, 80%
XYZ	37.7096, 35.9574, 11.7904
YIQ	159.1830, 55.9840, -12.4000

# Conversions

## Conversions Part 2

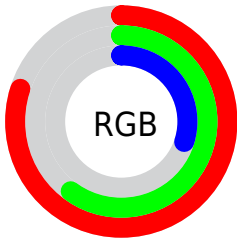
Format	Color
<a href="#">RYB</a>	166, 205, 76
Decimal	13473868
<a href="#">CIELab</a>	66.49, 11.85, 46.89
<a href="#">CIElCh</a>	66, 48.366, 75.815
<a href="#">Yxy</a>	35.9574, 0.4413, 0.4208
<a href="#">Android (android.graphics.Color)</a>	4291663948 (0xFFCD984C)
<a href="#">YUV</a>	159.1830, -41.0092, 40.1815
<a href="#">Hunter-Lab</a>	59.9645, 7.3145, 30.3173

# Details

The Hex color **CD984C** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4C81CD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCE7F**, and **936519** is the 20% darker color. If you saturate the color by 10%, you get **CD9037**, and if you desaturate by 10%, it is **CDA061**.

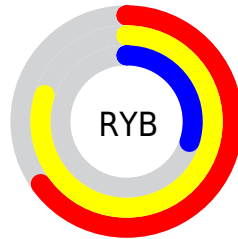
# Distribution



Red (80%)

Green (60%)

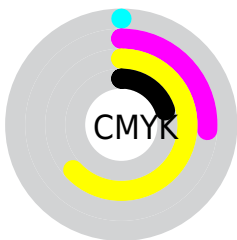
Blue (30%)



Red (65%)

Yellow (80%)

Blue (30%)

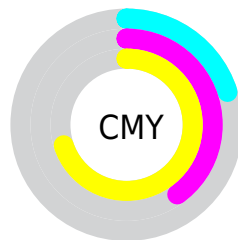


Cyan (0%)

Magenta (26%)

Yellow (63%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD984C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CD984C by changing the saturation by 10% instead.



 CD984C

 CD984C

FFFFFF

 B07E33

 FFCE7F

 936519

 FFEA9A

 774D00

 FFFFB5

 5C3700

 FFFFD1

 412100

 FFFFEE

 270D00

 000000

 CD984C

 CD984C

 CD9037

 CDA061

 CD8723

 CDA975

 CD7F0E

 CDB18A

 CD7900

 CDBA9E

 CDC2B3

 CDCBC7

 CDD3DC

 CDDBF0

 CDE4FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E98865



CD984C



A5A64B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CD984C



00B8B8



C28DDF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CD984C



4C81CD

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



839EF5



CD984C



00B5DF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CD984C



28B68B



00ACF5



E880B8

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CD984C



86AE58



00ACF5



B093E8

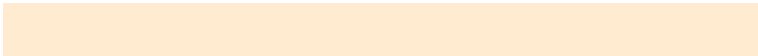


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CD984C



FFEBCF



CD4C82



807362



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CD984C



FFAF3D



C2CD4C



66625C



A66200



261700



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4C81CD



3D8DFF



574CCD



5C6066



0044A6



001026



# Previews

## White Background



This preview shows how the Hex color CD984C looks on a white background.

## Color Contrast Check

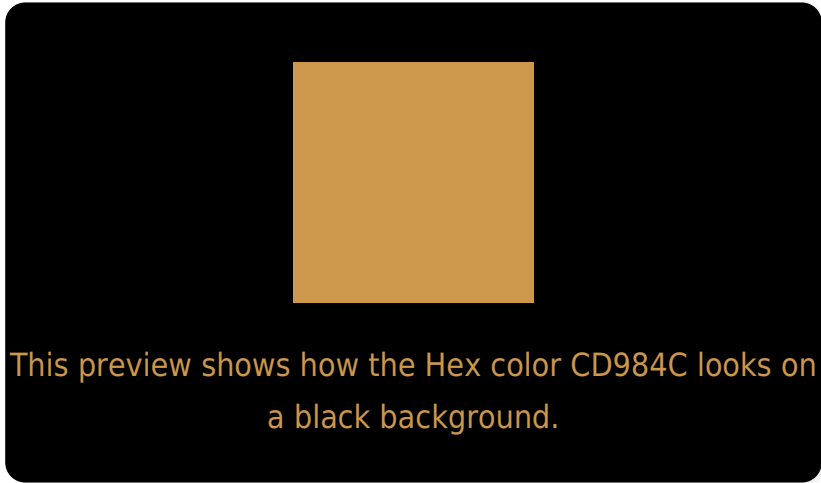
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

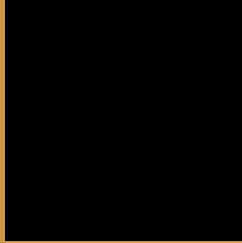
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD984C Background



This preview shows how black text looks on a background with the Hex color CD984C.



This preview shows how white text looks on a background with the Hex color CD984C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
D38F9A

# Trichromacy



**Original Color**  
CD984C

**Protanomaly**  
BC9E4E

**Deuteranomaly**  
CA994B

**Tritanomaly**  
D1927E

# Monochromacy



**Original Color**  
CD984C

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
B09C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD984C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CD984C looks like.

```
.text, #text, p{  
    color:#CD984C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CD984C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD984C  
}
```

## Border

The CSS property to change the border of an element to Hex CD984C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CD984C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CD984C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CD984C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD984C; -webkit-box-shadow:4px 4px  
4px 4px #CD984C; box-shadow:4px 4px 4px  
4px #CD984C }
```

# Background

The CSS property to change the background color of an element to Hex CD984C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD984C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CD984C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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